

Title (en)
AUDIO CAPTURE IN PRESENCE OF NOISE

Title (de)
AUDIOERFASSUNG IN ANWESENHEIT VON RAUSCHEN

Title (fr)
CAPTURE AUDIO EN PRÉSENCE DE BRUIT

Publication
EP 4047939 A1 20220824 (EN)

Application
EP 21158158 A 20210219

Priority
EP 21158158 A 20210219

Abstract (en)
An apparatus comprising means for: capturing an audio scene using multiple microphones; determining that the captured audio scene has unacceptable detected noise; in dependence upon determining that the captured audio scene has unacceptable detected noise, searching both different sets of one or more microphones and different physical rotation angles of the microphones to find a combination of a first set of one or more microphones and a first physical rotation angle of the microphones that captures the audio scene with acceptable detected noise; and controlling the physical rotation angle of the microphones to be the first physical rotation angle of the microphones and capturing the audio scene using the combination of the first set of one or more microphones and the first physical rotation angle of the microphones.

IPC 8 full level
H04N 21/422 (2011.01); **G08B 13/196** (2006.01); **H04N 5/232** (2006.01); **H04N 7/18** (2006.01); **H04N 21/4223** (2011.01); **H04N 21/439** (2011.01); **H04N 21/4728** (2011.01); **H04R 3/00** (2006.01)

CPC (source: CN EP US)
G01S 3/8055 (2013.01 - EP); **G06V 20/35** (2022.01 - US); **G10L 21/0208** (2013.01 - CN); **H03G 3/342** (2013.01 - US); **H04N 7/183** (2013.01 - EP); **H04N 21/42203** (2013.01 - EP); **H04N 21/4223** (2013.01 - EP); **H04N 21/4394** (2013.01 - EP); **H04N 21/4728** (2013.01 - EP); **H04N 23/695** (2023.01 - EP); **H04R 1/406** (2013.01 - CN); **H04R 3/005** (2013.01 - CN EP); **H04R 29/005** (2013.01 - US); **H04S 7/30** (2013.01 - US); **G08B 13/19663** (2013.01 - EP); **H04R 2410/07** (2013.01 - EP); **H04R 2499/11** (2013.01 - EP); **H04S 2400/15** (2013.01 - US)

Citation (search report)
• [A] US 9807530 B1 20171031 - TISCH ERICH [US], et al
• [A] US 2019253795 A1 20190815 - OZCAN KORAY [GB], et al
• [A] US 2012163625 A1 20120628 - SIOTIS GEORG [SE], et al
• [A] US 2010280824 A1 20101104 - PETIT NICOLAS [US], et al
• [A] US 2015326748 A1 20151112 - TISCH ERICH [US], et al

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 4047939 A1 20220824; CN 114979898 A 20220830; JP 2022127623 A 20220831; JP 7416843 B2 20240117; US 11877127 B2 20240116; US 2022272471 A1 20220825

DOCDB simple family (application)
EP 21158158 A 20210219; CN 202210148923 A 20220218; JP 2022023893 A 20220218; US 202217590054 A 20220201